

## HuiNa HUI NA-1661

# HUI NA Remote Control Excavator Toy 1:18 User Manual

Model: HUI NA-1661 | Brand: HuiNa

## 1. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before operating the remote control excavator. Failure to follow these instructions may result in injury or damage to the product.

- Battery Safety:** Batteries should not touch water. Ensure batteries are inserted with correct polarity. Do not mix old and new batteries, or different types of batteries.
- Adult Supervision:** This product is recommended for ages 8 years and up. Adult supervision is advised, especially during initial setup and operation.
- Operating Environment:** Operate the excavator in open, clear areas away from obstacles, people, and pets. Avoid operating near water bodies or in extreme weather conditions.
- Charging:** Use only the provided USB charging cable. Do not overcharge batteries. Disconnect the charger once charging is complete.
- Maintenance:** Keep the excavator clean and free from dirt and debris. Do not attempt to modify or disassemble the product.

## 2. PRODUCT OVERVIEW

The HUI NA 1:18 scale remote control excavator is a highly simulated construction vehicle designed for realistic digging experiences. It features an 11-channel remote control system, allowing for precise and versatile movements.



Figure 2.1: The HUI NA 1:18 scale remote control excavator with its remote control and included batteries.

## Key Features:

- **High Simulation Design:** Constructed with ABS material, alloy body, metal shovel, and thickened double tracks for durability and realistic appearance.
- **2.4Ghz Remote Control:** Offers long-distance control (approx. 25M) with anti-interference capabilities, allowing multiple units to operate simultaneously.
- **11-Channel Multi-Function:** Independent control of the large arm, small arm, digging bucket, 360° rotating table, and double tracks.
- **Realistic Lighting & Sound:** Features working lights and authentic sound effects for an immersive experience.
- **Auto Demo Function:** Initiates a pre-programmed demonstration sequence.
- **Rechargeable Battery:** Equipped with a 3.7V 500mAh Li-ion battery and USB charging cable for convenient recharging.

## 3. WHAT'S IN THE BOX

Upon unboxing, please ensure all the following components are present:

- 1 x HUI NA RC Excavator
- 1 x 2.4G Frequency Remote Control
- 1 x USB Charging Cable
- 3 x LiPo Batteries (3.7V 500mAh SM3P)
- 1 x Screwdriver

## 4. SETUP

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### 4.1 Battery Installation

#### For the Excavator:

1. Locate the battery compartment on the underside of the excavator.
2. Use the provided screwdriver to open the battery compartment cover.
3. Connect one of the 3.7V 500mAh Li-ion batteries to the excavator's power connector, ensuring correct polarity.
4. Carefully place the battery inside the compartment and close the cover, securing it with the screw.

# 1000Mah Rechargeable Battery



Figure 4.1: The excavator uses a rechargeable Li-ion battery. Ensure proper connection and secure the battery compartment.

#### For the Remote Control:

1. Locate the battery compartment on the back of the remote control.
2. Open the battery compartment cover.
3. Insert 2 x AA batteries (not included) into the compartment, observing the correct polarity (+/-).
4. Close the battery compartment cover.

#### 4.2 Charging the Excavator Battery

The included 3.7V 500mAh Li-ion battery requires approximately 50 minutes for a full charge.

1. Connect the Li-ion battery to the USB charging cable.
2. Plug the USB charging cable into a standard USB power adapter (e.g., computer USB port, wall charger).
3. The indicator light on the USB cable will show the charging status (refer to cable instructions for specific light behavior).

4. Once fully charged, disconnect the battery from the charging cable and store it safely.

### 4.3 Pairing the Remote Control

The excavator and remote control are pre-paired from the factory. If re-pairing is needed:

1. Ensure both the excavator and remote control have fresh batteries.
2. Turn on the excavator's power switch.
3. Turn on the remote control's power switch.
4. The remote control and excavator should automatically connect. If not, turn both off and repeat the process.

## 5. OPERATING INSTRUCTIONS

Familiarize yourself with the remote control layout and functions before operating the excavator.



Figure 5.1: Operating the excavator with the 2.4GHz remote control.

## 5.1 Basic Controls

- **Forward/Backward:** Use the left joystick to move the excavator forward or backward.
- **Turn Left/Right:** Use the left joystick to steer the excavator left or right while moving.
- **In-situ Rotation:** Use both joysticks in opposite directions to rotate the excavator in place (double tracks).

## 5.2 11-Channel Functions

The 11 channels allow for comprehensive control over the excavator's movements:



Figure 5.2: The 11-channel system provides extensive control over the excavator's functions.

- **Large Arm Control:** Use specific buttons/joystick movements on the remote to raise and lower the main arm.
- **Small Arm Control:** Use specific buttons/joystick movements to extend and retract the secondary arm.
- **Digging Bucket Control:** Use specific buttons/joystick movements to open and close the digging bucket.
- **360° Rotating Table:** Use dedicated buttons or a joystick to rotate the excavator's cabin and arm assembly 360 degrees left or right without limitation.

# 680° ROTARY TABLE

Free Maneuvering, Digging in Place



Figure 5.3: The excavator's cabin can rotate 360 degrees, allowing for versatile digging and maneuvering.

## 5.3 Lights and Sounds

The excavator features realistic lights and sounds to enhance the play experience.

# LIGHTING & REALISTIC SOUND

Take You on a Digging Adventure



Figure 5.4: The excavator includes functional lights and realistic sound effects.

- **Lights:** The excavator's headlights and other operational lights will illuminate when the vehicle is powered on or specific functions are activated.
- **Sounds:** Engine sounds, digging sounds, and other operational noises will play during use. Refer to the remote control for dedicated sound buttons if available.

## 5.4 Auto Demo Function

Press the 'Auto Demo' button on the remote control to initiate a pre-programmed demonstration sequence. The excavator will perform a series of movements and functions automatically.

## 6. MAINTENANCE

Proper maintenance will extend the lifespan of your HUI NA excavator.

- **Cleaning:** After use, especially in sandy or muddy conditions, gently wipe down the excavator with a dry or slightly damp cloth. Do not use harsh chemicals or immerse the product in water.

- **Storage:** Store the excavator and remote control in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries from both the excavator and remote control if storing for extended periods to prevent leakage.
- **Track Inspection:** Periodically check the tracks for any trapped debris or damage. Clean as necessary.

## 7. TROUBLESHOOTING

If you encounter any issues with your HUI NA excavator, please refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Excavator does not respond to remote control.	Low batteries in excavator or remote; Not paired; Interference.	Charge/replace batteries. Turn both off and on again to repair. Move to an area with less interference.
Excavator moves slowly or functions are weak.	Low battery in excavator.	Recharge the excavator battery fully.
Lights or sounds not working.	Low battery; Feature not activated.	Charge excavator battery. Ensure the excavator is powered on and check remote buttons for light/sound activation.
Tracks are stuck or not moving smoothly.	Debris caught in tracks; Operating on unsuitable surface.	Inspect and remove any debris from the tracks. Operate on flat, less abrasive surfaces.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	HUI NA-1661
Scale	1:18 Scale
Dimensions (LxWxH)	46 x 12.5 x 30 cm
Item Weight	1.22 kg
Material Type(s)	Alloy Steel, Plastic, Aluminum
Colour	Yellow
Battery (Excavator)	3.7V 500mAh SM3P Li-ion (3 included)
Charging Time	Approx. 50 minutes
Remote Control Frequency	2.4Ghz
Recommended Age	8 years and up
Manufacturer	HUI NA

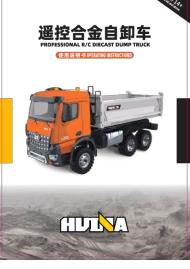
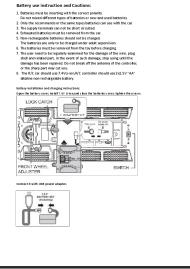
## 9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact the retailer.

If you have any questions, require technical assistance, or need to report an issue with your HUI NA Remote Control Excavator, please contact the manufacturer or your point of purchase. Provide your model number (HUI NA-1661) and a detailed description of the issue for faster support.

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## Related Documents

	<p><a href="#"><u>HUINA 1577 2-in-1 RC Forklift Truck/Crane Specifications and Features</u></a></p> <p>Detailed specifications and features for the HUINA 1577 2-in-1 RC Forklift Truck/Crane, including materials, channels, frequency, control distance, running time, and functions.</p>
	<p><a href="#"><u>HUINA 1550 15-Channel RC Excavator: User Manual and Features</u></a></p> <p>Detailed information on the HUINA 1550 15-Channel RC Excavator, including features, operation, battery instructions, and FCC compliance. Learn about its powerful metal bucket, 360-degree rotation, and simulated real RC experience.</p>
	<p><a href="#"><u>Huina Professional R/C Diecast Dump Truck Operating Instructions</u></a></p> <p>Comprehensive operating instructions for the Huina Professional R/C Diecast Dump Truck, covering remote control functions, battery installation, charging, driving operations, and safety precautions. Includes detailed guidance for setup and use.</p>
	<p><a href="#"><u>Huina 1318 RC Truck User Manual and Instructions</u></a></p> <p>Comprehensive guide for the Huina 1318 RC truck, covering battery usage, charging, frequency pairing, remote control operation, and assembly instructions. Includes safety precautions and FCC compliance information.</p>